

What is claimed is:

1. A method of manufacturing a support body for run flat, which comprises pressing a circumferential wall of a tubular blank between inner and outer molding rollers and rotating the inner and outer molding rollers to form at least one circumferentially continuous protruding part on the circumferential wall of the tubular blank to process the tubular blank into an annular shell,

wherein the inner molding roller is a molding roller having the maximum outer diameter that is substantially the same as the inner diameter of the tubular blank.

2. The method of manufacturing a support body for run flat according to claim 1,

wherein the maximum outer diameter of the inner molding roller is in a range of 95% to 100% of the inner diameter of the tubular blank.

3. A device for manufacturing a support body for run flat, which comprises inner and outer molding rollers to press the circumferential wall of a tubular blank between the inner and outer molding rollers that are rotated to form at least one circumferentially continuous protruding part on the circumferential wall of the tubular blank to process the tubular blank into an annular shell,

wherein the maximum outer diameter of the inner molding roller is substantially the same as the inner diameter of the tubular blank.

4. The device for manufacturing a support body for run flat according to claim 3,

wherein the inner molding roller adopts a structure that allows the roller to be disassembled into a plurality of parts.

5. The device for manufacturing a support body for run flat according to claim 3,

wherein the inner molding roller adopts a structure that allows the roller to shrink in a radial direction.

6. The device for manufacturing a support body for run flat according to any one of claims 3, 4 and 5,

wherein the maximum outer diameter of the inner molding roller is set to be as large as 95% to 100% of the inner diameter of the tubular blank.